



CITY OF SAN JOSE

The City of San Jose maintains the streets, parcels and related and Geographic Information System (GIS) in massive Oracle 9i spatial database. These GIS layers will be used to support the requirements of Public Safety's new Computer Aided Dispatch (CAD) system and crime analysis needs. The project will also support the enterprise (citywide) application needs and the proposed regional GIS implementation program being pursued by the City.

Rolta is providing services to spatially adjust and relationally enhance the existing street centerline, parcel and related GIS layers to improve its positional accuracy using the ortho-rectified photos. This involves integrating geometry and attribute data from various sources in to a City's GIS data model.

The scope includes improving the positional accuracy of the street centerline, parcel and related GIS features on the City's digital maps by adjusting their graphical features to match their corresponding position on digital ortho-rectified photos to attain a horizontal accuracy of +/-2 feet.

The geometry data are enhanced as true arcs for better data efficiency, storage, performance and appearance. The existing data in various projections area re-projected and standardized to NAD83 in compliance with the regional GIS implementation program.

The existing GIS attribute data is being translated and standardized to the newly developed City GIS data model developed for integrating Public Safety's new Computer Aided Dispatch (CAD) system and crime analysis.

Rolta is responsible for delivering the final data in Oracle 9i spatial database. The delivered dataset is made compatible with Intergraph GeoMedia 5.1, MapInfo 7.0 and ESRI ArcView 8.3 GIS platforms.

"The City expresses our sincere appreciation and recognition for the outstanding technical services provided by Rolta International, Inc. Rolta conscientiously performed the most labor intensive and time demanding tasks of the project".

*Assistant Director of Public Works
City of San Jose*

About Rolta

Rolta's knowledge of Geospatial Information Systems is based on our total commitment to quality and the achievement of excellence in the products and services we offer to our clients. Our organization has been globally recognized for its success in adding value to our customers and partner's businesses.

Through our investment in people, technology and infrastructure, Rolta has aggressively met emerging opportunities and enjoyed sustained financial growth. Rolta integrates its diverse knowledge and strategic alliances into innovative solutions that empower customers to address business challenges decisively and successfully.

